

**INFORMATION DISCLOSURE STATEMENT**

Applicant : Earthman, et al.
App. No. : 10/671,002
Filed : September 25, 2003
For : EVALUATION OF REFLECTED TIME-
ENERGY PROFILE FOR
DETERMINATION OF DAMPING
CAPACITY
Examiner : Unknown
Group Art Unit : 3736

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing seventeen (17) references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 12 mar 04

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NECORFA.005AAPPLICATION NO.
10/671,002INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(SEE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Earthman, et al.FILING DATE
September 25, 2003GROUP
3736

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	3,722,100	03/27/73	Weisman, et al.			
	2	4,341,519	07/27/82	Kuhn, et al.			
	3	4,482,324	11/13/84	Wohlgemuth			
	4	4,499,906	02/19/85	Wohlgemuth, et al.			
	5	4,689,011	08/25/87	Wohlgemuth			
	6	4,764,114	08/16/88	Jeffcoat, et al.			
	7	5,144,753	09/08/92	Murphy			
	8	5,318,442	06/07/94	Jeffcoat, et al.			
	9	5,518,008	05/21/96	Cucchiaro, et al.			
	10	6,120,466	09/19/00	Earthman			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL		
	11	Marc E. Levenston & Dennis R. Carter, "An Energy Dissipation-Based Model for Damage Stimulated Bone Adaptation", <i>Journal of Biomechanics</i> , Volume 31 (1998), pp. 579-586.
	12	W. Schulte, B. d'Hoedt, D. Lukas, M. Maunz and M. Steppeler "Periotest for Measuring Periodontal Characteristics-Correlation with Periodontal Bone Loss", <i>Journal of Periodontal Research</i> , 1992, Volume 27, pp. 184-190.
	13	A. Barzin, C.G. Sheets and J.C. Earthman "Mechanical Biocompatibility of Dental Implant Materials", Proceedings of the Fourth Pacific Rim International Conference on materials, Japanese Institute of Metals, pp. 2492-2952 (2002)
	14	Ichiro Owan, David B. Burr, Charles H. Turner, Jinya Qiu, Yuan Tu, Jude E. Onyia, and Randall L. Duncan "Mechanotransduction in Bone: Osteoblasts are More Responsive to Fluid Forces than Mechanical Strain", <i>The American Physiological Society</i> (Sept. 1997), Volume 273, pp. C810-C815.
	15	Cherilyn G. Sheets, DDS. and James C. Earthman, Ph.D., "Natural Tooth Intrusion and Reversal in Implant-Assisted Prosthesis: Evidence of and a Hypothesis for the Occurrence", <i>The Journal of Prosthetic Dentistry</i> , December 1993, Volume 70, Number 6, pp. 513-520.
	16	D. Lukas, "Periotest: Dynamically Diagnosing the Human Periodontium and the Dental Implant-Bone Interface", http://www.periotest.de/beschreibung.htm , website dated 4 July 2002.
	17	Cherilyn G. Sheets, DDS. and James C. Earthman, Ph.D., "Tooth Intrusion in Implant-Assisted Prostheses", <i>The Journal of Prosthetic Dentistry</i> , January 1997, Volume 77, Number 1, pp. 39-45.

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EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	